

GAVRILOVIC, Z., dr, nauchni saradnik

The Wanke method used in studying skulls of the men
having lived in Vojvodina from the 7th to the 16th
centuries. Glas SANU 12 no.2:227 '60 [publ.'62].

GAVRILOVIC, Z., naucni saradnik

Physical development of Montenegrins settled in Vojvodina.
Glas SANU 12 no.2:227 '60 [publ.'62].

SAVIC, V.; PETROVIC, M.; SAVIC, VI.; GAVRILOVIC, Z.

Role of histamines in the pathogenesis of the anaphylactic reaction. II. Glas SANU 12 no.2:225-226 '60 [publ. 1962].

1. Saradnici Odeljenja za medicinu rada SANU, Beograd.

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GAVRILOVIC, Zivojin, doc. dr

Report from the 5th Conference of Czechoslovak Anthropologists at
Mikulov. Arh, biol nauka 13 no.3/4:216 '61.

GAVRILOVIC, Zivojin

On the stomatology of the factory workers in cement industries.
Zbor prir Mat srp no.19:196-200 '60.

1. Klinicki centar za profesionalne bolesti pri Medicinskom
fakultetu u Beogradu.

GAVRILOVIC, Zivojin, dr

Resistance fatigue of some isolated skeleton muscles and the whole body of animals adapted to low temperatures. Zbor prir
Mat srp no.21:142-145 '61.

GAVRILOVIC, Zivojin, dr.

~~_____~~ A biological study of the Hercegovinians colonized in Vojvodina
after World War I and II. Zbor prir Mat srp no.22:22-43 '62.

GAVRILOVIC, Zivojin, dr.

Anthropological characteristics of the autochthonous inhabitants of Vojvodina. Zbor prir Mat srp 24:145-148 '63.

Influence of hibernation in the laboratory and in nature on the working capacity of isolated skeleton muscles in frogs. Ibid.:149-152.

1. Bioloski institut Medicinskog fakulteta, Novi Sad.

GAVRILOVIC, Zivojin, dr.

Number of eosinophilic leukocytes in peripheral blood in
direct and indirect counting. Zbor prir Mat srp 25:146-149
*63

DRACA, Petar; GAVRILOVIC, Zivojin

Pelvic dimensions in women in Voivodina. Med. pregl. 17 no.8:
425-428 '64

1. Klinika za ginekologiju i akuserstvo Klinicke boln'ce u
Novom Sadu (Nacelnik: Prof. dr. Slavko Djuriscic) ; Zavod za
biologiju Medicinskog fakulteta u Novom Sadu (Sef: Doc. dr.
Zivojin Gavrilovic).

GAJNEVIC-MAJERO, B.

"Contribution to the Study of the Laying of the Gypsy Moth (Lymantria
Dispar L.) at Ada Huja, 1949/50" p. 93
(ZBORNIK RADOVA, Vol. 31, 1953, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, IC, Vol. 3, no. 5, May 1954/Uncl.

COUNTRY : Yugoslavia
COUNTRY :

1-5

APR. JOUR. : ZEMl., 10. 19, 1955, No. 87/89

AUTHOR : Gavrilovich, D.; Vankovich, L.
INST. : Serbian Academy of Sciences
TITLE : Biological Observations of Cypselid Moth
Caterpillars During 1950-1951

CRIG. PUB. : Zb. radova. Srpske AN, 1955, 31, 113-117

ABSTRACT : According to laboratory experiment data, at 75% (20% humidity, hatching of caterpillars (C) from eggs lasted most often 15-20 minutes. Usually hatching started at 6-7 o'clock in the morning and occurred at a highest rate by 8-10 o'clock, after which hatching was greatly slowed. Under natural conditions hatching of C started late in March to early in April and terminated by the end of April; its progress in different sites was dependent on temperature conditions. The period during which C are found in the "mirrors" is shortened with an increase of the temperature. Duration of the C stage is dependent on amount and quality of food, and also on the temperature. C which develop into males moult 5 times.
CARD: 1/2

GAVRILOVICH, L.G.

BALASHOVA, Anna Yegorovna; Balyavichene, Stase Prano; GAVRILOVICH, Lyubov'
Grigor'yevna; RAYZMAN, F.B., redaktor; DOBRYNINA, A.Ya., redaktor;
LEDNEVA, N.V., tekhnicheskiy redaktor.

[Our experience in handling long-distance telephone calls] Nash opyt
obsluzhivaniia abonentov mezhdugorodnoi telefonnoi stantsii. Moskva,
Gos.izd-vo lit-ry po voprosam svyazi i radio, 1955. 15 p. [Microfilm]
(Vilnius---Telephone stations) (MLRA 9:6)

GAVRILOVICH, M.

YUGOSLAVIA/Cultivated Plants - Fruits! Berries.

M.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15739

Author : M. Gavrilovich

Inst :

Title : Research on Zinc Deficiency Symptoms in Fruit Trees
and Its After-Effects.
(Issledovaniya po simptomam nedostatka tsinka u plodo-
vykh derev'yev i yego posledstviyam).

Orig Pub : Arhiv poljopr. nauke, 1956, 9, No 24, 107-116.

Abstract : These observations were made in Yugoslavia in 1952-1955.
Zinc deficiency was most frequently observed in fruit
trees on alluvial sandy soils of Serbia and Metohija
and on the chernozem soil of Voivodina. These symptoms
were more pronounced in apple, cherry, peach, quince,
acacia and decorative trees, although they were not
found in pear, filbert, apricot, morello cherries, and
mulberry trees.

Card 1/2

GAVRILOVICH - ZECHOVICH, D.

COUNTRY : YUGOSLAVIA
 CATEGORY : General and Specialized Zoology. Insects. P
 Harmful Insects and Arachnids.
 REF. : ZHBIOL., No. 23, 1953, No. 135354
 Author : Gavrilovich-Zechovich, D.
 Inst. : ~~Serbian Academy of Sciences~~
 TITLE : The State of Oviposition of the Gypsy Weevil in the Area of
 the City of Ada.
 ORIG. PUB. : Sb. radova. Srpska Ak., 1953, 21, 93-111
 SUMMARY : A survey of the oviposition (O) of the gypsy weevil was
 conducted in 1950 in a forest on a testing ground of 200 m²
 each. The greatest number of O was on the trunks of old
 trees, especially in the cracks in the bark and other shel-
 tered places. Much fewer O were on the trunks of middle-
 aged and young trees and on the shrubs. The number of O
 on 1 m² of the trunk surface and on the trunk as a whole,
 varied considerably. The greatest number of them was on
 the lower part of the trunk (up to 2 m from the surface of
 the ground). The eggs in O are arranged in several layers

Card: 1/2

GAVRILOVICH, Mikhail Al'bertovich, dotsent, .kand.med.nauk; SAYET, Aleksandr Gavrilovich, assistant; SHCHIGEL'SKIY, Vyacheslav Ivanovich, assistant; MOGILEVCHIK, Z.K., prof., nauchnyy red.; SHEVLAK, V.A., red.; ZIMA, Ye.G., tekhred.

[Hygiene for school children; collection from the series, "What one must know about the training of children."] Gigena detei shkol'nogo vozrasta; sbornik iz tsikla "Chto nuzhno znat' o vospitanii detei." Minsk, 1960. 38 p. (Obshchestvo po rasprostraneniю politicheskikh i nauchnykh znaniy Belorusskoi SSR, no.24).

(MIRA 14:1)

1. Kafedra gigiyeny Minskogo meditsinskogo instituta (for Sayet, Shchigel'skiy). 2. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Mogilevchik).

(CHILDREN--CARE AND HYGIENE)

FAVORSKAYA, I.A.; GAVRILOVSKAYA, A.A.

Homologs of monovinylacetylene. Part 11: Dehydration of acetylenic alcohols: 2,6-dimethyl-3-heptyn-5-ol, 2,2,6-trimethyl-3-heptyn-5-ol, and 2,2-dimethyl-5-ethyl-3-heptyn-5-ol. Zhur. ob. khim. 33 no.8:2472-2475 Ag, '63. (MIRA 16:11)

1. Leningradskiy gosudarstvennyy universitet.

SHOSTAKOVSKIY, M.F.; VLASOV, V.M.; LOZHENITSYNA, A.S.; GAVRILOVSKAYA, A.A.

Synthesis of primary-tertiary acetylenic δ -glycols. Izv. AN SSSR.
Ser. khim. no.4:709-712 '65. (MIRA 18:5)

1. Irkutskiy institut organicheskoy khimii Sibirskogo otdeleniya
AN SSSR.

SHESTOPALOVA, N.N.; REYNGOL'D, V.N.; GAVRILOVSKAYA, I.N.; BELYAYEVA, A.P.;
CHUMAKOV, M.P.

Electron microscopic study of the morphology and localization
of Omsk hemorrhagic fever virus in cells of the infected tissue
culture. Vop. virus. 10 no.4:425-430 J1-Ag '65.

(MIRA 18:8)

1. Institut poliomielita i virusnykh entsefalitov AMN SSSR,
Moskva.

KARMYSHEVA, V.Ya.; GAVRILOVSKAYA, I.N.; CHUMAKOV, M.P.

Study of interrelationship between the Omsk hemorrhagic fever virus and the cells of the sensitive tissue culture. Vop. virus. 10 no.5:557-563 S.O '55.

(MIRA 18:11)

1. Institut poliomyelita i virusnykh entsefalitov AMN SSSR, Moskva.

L 7706-66 EWT(1)/ETC/EPF(n)-2/ENG(m)/EPA(w)-2 IJP(c) GG/AT

ACC NR:AP5025900

SOURCE CODE: UR/0057/65/035/010/1853/1859

AUTHOR: ^{14, 55} ^{44 55} ^{44 55} ^{44 55}
Basharov, R.; Gavrilovskaya, Ye. N.; Malkin, O.A.; Trekhov, Ye. S. 77
 0

ORG: ^{44, 55}
Moscow Engineering Physics Institute (Moskovskiy inzhenerno-fizicheskiy institut)

TITLE: Investigation of the cathode spots of a pulsed discharge between parallel electrodes

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 35, no. 10, 1965, 1853-1859

TOPIC TAGS: ^{21, 44, 55} gas discharge, discharge plasma, ^{21, 44, 55} air, plasma gun, electrode, cathode spot

ABSTRACT: The 3 kV discharge of a 36 μ f capacitor between plane parallel copper electrodes in 9×10^{-3} mm Hg of air was investigated in order to obtain information concerning the processes taking place near the electrodes in a plasma gun. Ordinary and streak photographs of the electrodes were recorded during the discharge and the damaged electrode was subsequently examined under optical and electron microscopes. The streak photographs showed that while the discharge moved along the cathode at velocities up to 5×10^6 cm/sec there were bright regions that did not move. The presence of these stationary glowing regions was confirmed by the ordinary photographs, and small damaged regions were found by microscopic examination. These stationary glowing regions did not appear on the anode, and they are identified as cathode spots.

Card 1/2

UDC: 533.9

0701 1680

L 7706-66

ACC NR: AP5025900

The cathode spots showed a complex microstructure (including microfractures observable only with the electron microscope), which is described in some detail. It is concluded that the cathode spots of a pulsed discharge moving rapidly along a plane electrode in a rarefied gas arise and exist independently of each other and remain stationary during their whole life. It is also concluded that one must take account of the fine structure of the cathode spot when attempting to estimate the current density; estimates based on the gross structure alone will necessarily be too small. Orig. art. has: 6 figures and 3 tables.

SUB CODE: EM, ME/ SUBM DATE: 18Dec64/ ORIG REF: 006/ OTH REF: 004

TAUBE, Petr Reyngol'dovich; AKCHURINA, ~~Gyal'-Endem~~ Seyfetdinovna;
GAVRILOVSKIY, Aleksandr Nikolayevich; STUKOVNIN, N.D., red.
izd-va; YEZHOVA, L.L., tekhn. red.

[Practical work in general chemistry] Praktikum po obshchei
khimii. Izd.2., perer. Moskva, Vysshaya shkola, 1962. 262 p.
(MIRA 15:11)

(Chemistry--Laboratory manuals)

TAUBE, Petr Reyngol'dovich; AKCHURINA, Oyul'-Ender. Seyfetaingvna;
GAVRILOVSKIY, Aleksandr Nikolayevich

[Laboratory work in general chemistry] Praktikum po obshchei
khimii. Izd.2., perer. Moskva, Vysshaya shkola, 1962.
265 p. (MIRA 18:6)

GAVRILOVSKIY, B.V.

CARD 1 / 2

PA - 1742

SUBJECT USSR / PHYSICS
 AUTHOR MOSKALEV, V.I., GAVRILOVSKIY, B.V.
 TITLE The Total Cross Sections of the Interaction between 650 MeV Protons and Nuclei.
 PERIODICAL Dokl. Akad. Nauk, 110, fasc. 6, 972-974 (1956)
 Issued: 1 / 1957

These total cross sections of interaction between 650 MeV protons and Be-, C-, O-, Al-, Cu-, Sn-, Pb- and U-nuclei were measured on the cyclotron of the Institute for Nuclear Problems of the Academy of Science in the USSR. A telescope consisting of three coincidence counters connected in coincidence and a system of collimators sorted out a proton bundle imping on the scatterer, having a diameter of 10 mm and an angle of divergence of $\sim 0,1^\circ$. A scintillation counter connected in coincidence with the telescope and destined for the registration of the attenuated bundle had a diameter of 100 mm and a sensitivity which was uniform up to some percents, on the entire surface. In the case of heavy nuclei measurements are best carried out only if geometric conditions are "bad", and from these measuring results it is possible to determine the cross sections of nonelastic interaction. In the case of light nuclei the sector of dial with essentially a COULOMB interaction is considerably more narrow than the width of the first diffraction maximum, which permits sufficiently reliable measuring of also the total nuclear cross sections. The registration angle of the detector ranged from $2 - 8^\circ$. The necessary corrections are discussed. The intensity of the proton bundle amounted to 150 par-

... opaque for 650 MeV protons.
 ... of the Academy of Science in the

CIA-RDP86-00513R000514510

SUBJECT USSR / PHYSICS CARD 1 / 2 PA - 1971
 AUTHOR MAN'KO, V., GAVRILOVSKIY, B.V., GOLOVNJA, V.JA., KADARZEV, K.V.,
 KLJUCAREV, A.P.
 TITLE The Polarization of Low Energy Protons on the Occasion of
 Scattering by Carbon.
 PERIODICAL Dokl.Akad.Nauk 111, fasc.1, 59-62 (1956)
 Issued: 1 / 1957

This work was carried out by means of an electric generator. The scheme of the experiment is illustrated in form of a drawing. The measuring device consists of two vacuum chambers. An electron bundle coming from an electrostatic generator impinges upon the first carbon target M_I in chamber I and the protons scattered on this target are scattered once more on target M_{II} of chamber II. After having thus been scattered twice the protons are now registered by photoplates with an emulsion thickness of 100 . The angle θ_1 on the occasion of the first scattering amounted to 60° in the center of mass system, and for the angle θ_2 of the second scattering the values $\pm 60^\circ$, $\pm 120^\circ$ and $\pm 150^\circ$ in the center of mass system were selected. In connection with each irradiation 6 photoplates with an accordingly selected value of θ_2 were exposed. The solid carbon targets were produced with much care as follows: A nitrocellulose film of from 0,2 to 0,3 thickness was pasted on to a brass ring, and upon this a colloidal graphite solution (aquadag) was poured. After drying the organic base was carefully burned off.

Dokl.Akad.Nauk 111,fasc.1, 59-62 (1956)

CARD 2 / 2

PA - 1971

The authors carried out a number of exposures at the values $E_0 = 1,9; 2,0; 2,1; 2,2; 2,3$ and $2,4$ MeV of the protons impinging on to the target M_I . The exposures lasted from 5 to 20 hours at an amperage of 1-2 milliamperes. For individual expositions the authors determined the energy spectrum of the protons scattered on the target M_{II} . A diagram illustrates the case $\theta_2 = 60^\circ$ at an initial energy of the protons of $2,1$ MeV. The thickness of the target M_I amounted to $0,80 \text{ mg/cm}^2$ and that of the target M_{II} amounted to $0,65 \text{ mg/cm}^2$. From 300 to 1000 protons were recorded on the photoplates per exposition. The ratio of the number of acts of scattering to the right and to the left means for each absolute value of θ_2 the measure of the azimuthal asymmetry of the scattering of the protons by the target M_{II} and therefore also a measure of polarization in connection with the scattering $C^{12}(p,p)$. The authors subjected the energy dependence of the right-and-left asymmetry for $\theta_2 = 60^\circ$ with the closest attention. The data found on this occasion, which were averaged over the individual expositions, are given in form of a table. At an initial energy of the protons of from $1,6$ to $2,4$ MeV and at $\theta_2 = 60^\circ$ it is possible, in the case of the targets used in this case, to investigate the polarization of the protons on the occasion of $C^{12}(p,p)$ -scattering in the interval $1,6-2,4$ MeV by measuring asymmetry. Also the experimental results for $\theta_2 = 120^\circ$ and $\theta_2 = 150^\circ$ are illustrated in form of a table. The results agree well with the corresponding theory.

INSTITUTION: Physical-Technical Institute of the Academy of Science of the Ukrainian SSR

GAVRILOVSKIY, B. V., KARAD'YEV, K. V., MAN'KO, V. I., SOROKIN, P. V., TARANOV, A. Ya,
and VALTER, A. K.

"Polarization of Protons Scattered by O^{16} Spin and Parity of the 3.11 Mev
Level of the F^{17} Nucleus

paper submitted at the All-Union Conf. on Nuclear Reactions in Medium and Low
Energy Physics, Moscow, 19-27 Nov 57

Acad. Sci. USSR and Physical-Tech. Inst. Acad. Sci. Ukr. SSR

GAVRILOVSKIY, V.V.
BALDIN, S.A.; GAVRILOVSKIY, V.V.; CHUKREYEV, F.Ye.

Scintillations in high-pressure helium induced by alpha particles.
Atom.energ. 3 no.10:331-334 0 '57. (MIRA 10:10)
(Scintillation counters)

GAVRILOVSKIY, G. V.

AUTHOR: Baldin, S.A., Gavrilovskiy, G.V., Chukreyev, F.Ye. 89-10-13/36
TITLE: α -Particles Induced Scintillations in High-Pressure Helium
(Svintillyatsii v gelii pri vysokikh davleniyakh pod deystviyem
 α -chastits)
PERIODICAL: Atomnaya Energiya, 1957, Vol 3, Nr 11, pp 331-334 (USSR)
ABSTRACT: The scintillations were investigated because the attempt was made to find a sufficiently effective method of establishing the polarization degree of a neutron beam of 2 - 20 MeV. This method is based upon the registration of the coincidences between the scattered neutrons and the recoil nuclei in the scintillation chamber filled with gas which is filled with pure helium of some 10 at pressure. The dependence of the counting velocity upon pressure of the various gas mixtures (pure He, He + Xe, He + Ar, He + O₂, He + N₂) was measured and the corresponding curves are shown. There are 7 figures.
SUBMITTED: February 5, 1957
AVAILABLE: Library of Congress

Card 1/1

CS/VA 1207 SA 17, 1957

AUTHORS Sorokin, P.V., Valtter, A.K., Gavrilovskiy, B.V., : 56-3-9/59
Karadzhev, K.V., Man'ko, V.I., Taranov, A.Ya.
TITLE Polarization of Protons Scattered by O^{16} . Spin and Parity of the
 $3,11$ MeV Level in the F^{17} Nucleus
(Polyarizatsiya protonov pri rasseyanii na O^{16} . Spin i chetnost'
urovnya $3,11$ MeV yadra F^{17} - Russian)
PERIODICAL Zhurnal Eksperim.i Teoret.Fiziki, 1957, Vol 33, Nr 3, pp 606-609 (USSR)
ABSTRACT The protons scattered elastically by O^{16} (initial energy from $2,6$ to
 $2,8$ MeV) were investigated with respect to their polarization. As a
characteristic quantity P_{eff} to $0,80 \pm 0,07$ was found within the
total energy domain. P_{eff} denotes the effective polarization value.
Spin and parity were determined at $1/2$ for the point of resonance
of $E_R = 2,66$ MeV, which corresponds to an excited level of $3,11$ MeV
in an F^{17} -nucleus.
There are 3 figures, 1 table and 1 Slavic reference.
ASSOCIATION Physical-Technical Institute AN of the Ukrainian SSR
(Fiziko-tekhnicheskiy institut Akademii nauk Ukrainiskoy SSh).
SUBMITTED February 26, 1957
AVAILABLE Library of Congress.
Card 1/1

S/120/60/000/01/048/051

AUTHORS: Baldin, S.A. and Gavrilovskiy, B.V.

E073/E535

TITLE: High-pressure¹ Low-temperature¹ Hermetic Seal

PERIODICAL: Pribery i tekhnika eksperimenta, 1960, Nr 1,
p 144 (USSR)

ABSTRACT: A gas-tight seal between a gas container and a plexiglas cover, leak-resistant at any pressure between vacuum and 100 atm, at temperatures between 0 and -200 °C, can be achieved by an arrangement as shown in the illustration, p 144. A plexiglas cover 1 is pressed against the circular projection on the flange of the container 2 by means of stainless-steel bolts 5, two loose flanges 4 and 6 and Kovar braces 3. The length of the stainless-steel bolts is selected for obtaining the same total contraction or expansion (with changing temperature) as occurs in the plexiglas cover, and Kovar braces. There are 1 figure and 1 Soviet reference.

SUBMITTED: December 22, 1958

Card 1/1



S/089/60/008/04/07/009
B113/B017

AUTHOR: Gavrilovskiy, B. V.

TITLE: Investigation of Scintillation in Helium at Helium Temperatures

PERIODICAL: Atomnaya energiya, 1960, Vol. 8, No. 4, pp. 363-365

TEXT: The experiments met with a number of technical difficulties since the measurements depend essentially on the purity of the gas and e.g. neutrons with an energy of less than 5 Mev are difficult to record at high pressures. Helium scintillation was investigated at room temperatures, at temperatures of liquid nitrogen and helium, namely, for commercially pure He and mixtures of commercial He with N_2 additions. In liquid helium scintillation amplitudes were observed which had about the same height as in the cooled gas. In liquid He light emission was maintained on cooling down to below the λ -point. The author thanks F. Ye. Chukreyev, A. F. Prokoshin, A. G. Petrov, N. A. Belov, and K. S. Mikhaylov for their cooperation. There are 2 figures and 3 Soviet references.

Card 1/2

✓ 12

Investigation of Scintillation in Helium
at Helium Temperatures

S/089/60/008/04/07/009
B113/B017

SUBMITTED: October 12, 1959

✓B

Card 2/2

S/120/62/000/001/019/061
E140/E463

AUTHORS: Gavrilovskiy, B.V., Karadzhev, K.V., Kislov, A.Ya.

TITLE: Hall effect pulse multiplier for charged nuclear particle analysis

PERIODICAL: Pribery i tekhnika eksperimenta, no.1, 1962, 90-96

TEXT: For determination of the natures of secondary charged particles in nuclear reactions (determination of charge and mass) an ionization method is useful, in which the impulses arising in two detectors are multiplied. The first detector is fairly thin and measures the energy loss dE/dx , the second measures E . Then the expression

$$EdE / dx \propto M^{0.8} Z^2 E^{0.2} \quad (1)$$

depends almost linearly on the mass, and directly on the square of the charge, for non-relativistic particles. While the method is not too accurate, it is quite satisfactory to separate the values corresponding to given types of particles. The article describes a Hall-effect multiplier for use in this application, capable of Card 1/2

Hall effect pulse multiplier ...

S/120/62/000/001/019/061
E140/E463

giving results for the analysis of low energy (≤ 10 MeV) charged particles with very short impulses available from the detectors, of the order of a microsecond. The n-Ge detector in a high-speed magnetic circuit has a large dynamic range for both variables. Aside from the detector, the circuits use vacuum tubes exclusively. There is 1 figure.

ASSOCIATION: Institut atomnoy energii AN SSSR
(Institute of Atomic Energy AS USSR)

SUBMITTED: May 25, 1961

Card 2/2

GAVRILOVSKIY, B.V.; KARADZHEV, K.V.; KISLOV, A.Ya.

Pulse multiplier based on the Hall effect for the analysis of
charged nuclear particles. Prib.i tekhn.eksp. 7 no.1:90-94 Ja-F
'62. (MIRA 15:3)

1. Institut atomnoy energii AN SSSR.
(Pulse techniques(Electronics))(Nuclear counters)

S/120/62/000/005/004/036
E039/E420

AUTHORS: Gavrilovskiy, B.V., Karadzhev, K.V.

TITLE: A method of investigating polarization with charged particles of small energy

PERIODICAL: Pribery i tekhnika eksperimenta, no.5, 1962, 28-32

TEXT: Description is given of an apparatus intended for studying two stage interactions of charged particles of small energy. A beam of charged particles from an electrostatic generator enters the first chamber in the centre of which is a target. Secondary charged particles from this target enter a second chamber and undergo nuclear interactions in a second target. The distance between the targets is 140 to 190 mm. Chamber I is of steel with a rotatable cover to which the second chamber is connected by means of a pipe. Chamber II is constructed from duralumin and has mounted on it either a $\phi\Xi\gamma$ (FEU) detector or a gas filled proportional counter. By rotating one of the covers on chamber II and also the connecting tube between chambers I and II the angle between the normal and the plane of the reactions taking place in targets I and II in chambers I and II can be

Card 1/2

A method of investigating ...

S/120/62/000/005/004/036
E039/E420

altered. The operation of the apparatus is described and also an arrangement for changing targets quickly: six targets are mounted on a mechanism which allows any particular one to be brought into line. It is shown that the apparatus is extremely flexible and convenient in use. A typical experiment is described on the measurement of the polarization of protons with elastic scattering on Ne^{20} using a 1st target of carbon (1.4 mg/cm) and protons of 1990 KeV. Neon is at a pressure of 100 mm and particles scattered by the neon at an average angle of 80° are counted on a CsI crystal. With a flux on the carbon target of $\sim 2 \mu\text{A}$ the count rate was ~ 300 p/min. There are 2 figures.

ASSOCIATION: Institut atomnoy energii AN SSSR
(Institute of Atomic Energy AS USSR)

SUBMITTED: May 19, 1961

Card 2/2

GAVRILOVSKIY, P.

Identical conditions, different results. Obshchestv.pit. no.3:
25 Mr '60. (MIRA 13:6)

1. Nachal'nik proizvodstvennogo otдела upravleniya rabocheho
snabzheniya Khabarovskogo sovnarkhoza.
(Khabarovsk--Restaurants, lunchrooms, etc.)

BA
GAYRILSKI, G.

Pathogenesis of macrocytic anemia in pregnancy. G. Gayrinski
and I. N. Todor (Acta med. regular, 1961, 6, 128-137). 44p. 60
cases of macrocytic anemia of pregnancy seen in Macedonia in
1948-50, the striking feature was a splenomegaly (probably post-
malaria), signs of malnutrition being notably absent. The authors
consider that splenic dysfunction is of great importance in patho-
genesis of this form of anemia. S. N. B. Gilman.

SHENKER, S.I., inzhener; GAVRIL'TSEV, P.K., inzhener.

Reconstructing a rotary kiln. TSement 20 no.2:10-12 Mr=Ap '54.
(MLRA 7:5)
(Kilns, Rotary)

KHARITONOV, V.V.; GAVRILUSHKIN, P.V.

Self-propelled scow for heavy soil transportation. Biul.
tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn.
inform. 17 no.2:70-71 '64. (MIRA 17:6)

GAVRILYAK, G.T., dotsent, kand.biolog.nauk

Diagnosis of pregnancy in ewes based on the sacral reflex.
Zhivotnovodstvo 22 no.2:56-59 F '60. (MIRA 15:11)

1. Khersonskiy sel'skokhozyaystvennyy institut.
(Veterinary obstetrics) (Ewes)

NATSENTOV, D.I., kand.sel'skokh.nauk.; VASHCHENKO, S.F., kand.sel'skokh. nauk; NIKONOVA, N.A., kand. sel'skokh. nauk; CHEKUNOVA, Z.I., kand. sel'skokh. nauk; FAYNBERG, L.S., nauchnyy sotrudnik; GAVRIL'YEV, I.G., aspirant; VASIL'YEVA, Ye., red.; POKHLEBKINA, M., tekhn. red.

[Advanced practices for vegetable growing under glass] Peredovoi opyt ovoshchevodov zashchishchennogo grunta. Moskva, Mosk. rabochii, 1962. 102 p. (MIRA 16:6)

1. Sotrudniki Nauchno-issledovatel'skogo instituta ovoshchnogo khozyaystva (for all except Vasil'yeva, Pokhlebkina).
(Moscow Province--Vegetable gardening)
(Greenhouse management)

S/169/62/000/006/054/093
D228/D304

AUTHOR: Gavril'yev, P. P.

TITLE: Diurnal variation of the possible solar radiation at Yakutsk

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 6, 1962, 15, abstract 6B122 (V sb. Vopr. geogr. Yakutii, Yakutsk, 1961, 46-47)

TEXT: The results of calculating the diurnal variation of the possible solar radiation for Yakutsk are presented. The calculations were made from the data of actinometric observations for 1954-1958. V. N. Ukraintsev's method was employed for the calculations. [Abstracter's note: Complete translation.] ✓

Card 1/1

IVANOV, Nikolay Sergeyevich; GAVRIL'YEV, Rev Ivanovich

[Thermophysical properties of frozen rocks; a manual]
Teplofizicheskie svoistva merzlykh gornykh porod;
spravochnoe posobie. Moskva, Nauka, 1965. 71 p.
(MIRA 18:1)

ACC NR: AM5023901

Monograph

UR/

Ivanov, Nikolay Sergeyevich; Gavril'yev, Rev Ivanovich

Thermophysical properties of frozen rock; handbook (Teplofizicheskiye svoystva merzlykh gornykh porod; spravochnoye posobiye) Moscow, Izd-vo "Nauka," 1965. 71 p. illus., biblio. (At head of title: Akademiya nauk SSSR. Sibirskoye otdeleniye. Institut merzlotovedeniya). Errata printed on the back cover. 1500 copies printed.

TOPIC TAGS: soil mechanics, soil behavior, permafrost, structural engineering

PURPOSE AND COVERAGE: Basic concepts of the forms and coefficients of heat transfer and water movement are described for various types of ground: thawed, freezing, thawing, and completely frozen. Dependencies of volumetric heat capacity, as well as coefficients of heat and temperature conductivity upon moisture, density, and temperature are presented analytically and graphically. The relationship between the temperature and the coefficients of water movement in freezing ground is evaluated. The book is intended for surveyors, as well as engineering and technical personnel concerned with the study of the heat regime of the frozen layers of the earth's crust and with the thermal interaction between engineering structures and frozen ground. There are 65 references, of which 60 are Soviet.

Cord 1/3

UDC: 622.013.624.2

ACC NR: AM5023901

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- 2. Volumetric heat capacity -- 15**
- 3. Coefficient of heat conductivity -- 22**
- 4. Coefficient of temperature conductivity -- 32**
- 5. Thermophysical properties of snow and ice -- 38**
- 6. Effect of the decrease in the coefficient of heat conductivity of rocks in the initial freezing stage -- 47**
- 7. Effect of the cryogenic texture on the thermophysical properties**

Card 2/3

ACC NR: AM5023901

of frozen rocks -- 52

8. Dependence of temperature on the coefficient of the movement of bound water in frozen ground -- 61

9. Basic methods for determining the thermophysical properties of rocks -- 66

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SUB CODE: 08,13 / SUBM DATE: 09Dec64/ ORIG REF: 055/ OTH REF: 010

Cord 3/3

GAVRILYU, D.

New ideas in surgery for cancer of the upper segment of the esophagus.
Khirurgiia 35 no. 11:19-23 N '59. (MIRA 14:1)
(ESOPHAGUS—SURGERY)

GAZILJAK, G. T.

"Reaction of Pregnant Cows to Skin Reflex," Veterinariya, 27, No 1, p. 34, 1950.
Kherson Agricultural Inst.

USSR / Farm Animals. Swine

Abs Jour: Ref Zhur-Biol., No 5, 1958, 21485

Author : Gavrilyak G. T.

Inst :

Title : Determination of Pregnancy in Sows According to Reflexes (Opredeleniye suporosnosti svinomatok po refleksam)

Orig Pub: Sots. tvarinnitstvo, 1957, No 6, 44

Abstract: A method for determining the pregnancy in sows according to reflected movements of animals, on stimulation by pressing certain parts of the loin and ridge between the shoulders at the base of the neck, is proposed. In the morning, before feeding, the sow is soothed by scratching her belly. Then, with the fingers of the right hand, pressure is applied to the osseous processes of lumbar vertebrae by following

Card 1/2

35

GAYRILYAK G.T.

USSR/Farm Animals. Swine

Q-3

Abs Jour ; Ref Zhur - Biol., No 19, 1958, No 88118

Author : Gayrilyak G.T.

Inst : -

Title : Determining Pregnancy in Sows From Reflexes

Orig Pub : Svinovodstvo, 1958, No 2, 47

Abstract : No abstract

Card : 1/1

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<p>22</p> <p>PROSPECTS FOR OIL IN THE FERGANA VALLEY AS REVEALED BY EXPLORATION WORK IN 1940-44. S. I. IL'IN AND A. M. GAVRIL'YAN. <u>Neftegazov Khooz.</u> 20, No. 4, 35-41 (1948). Bruno C. Metzner</p>																										<p>22</p>																									
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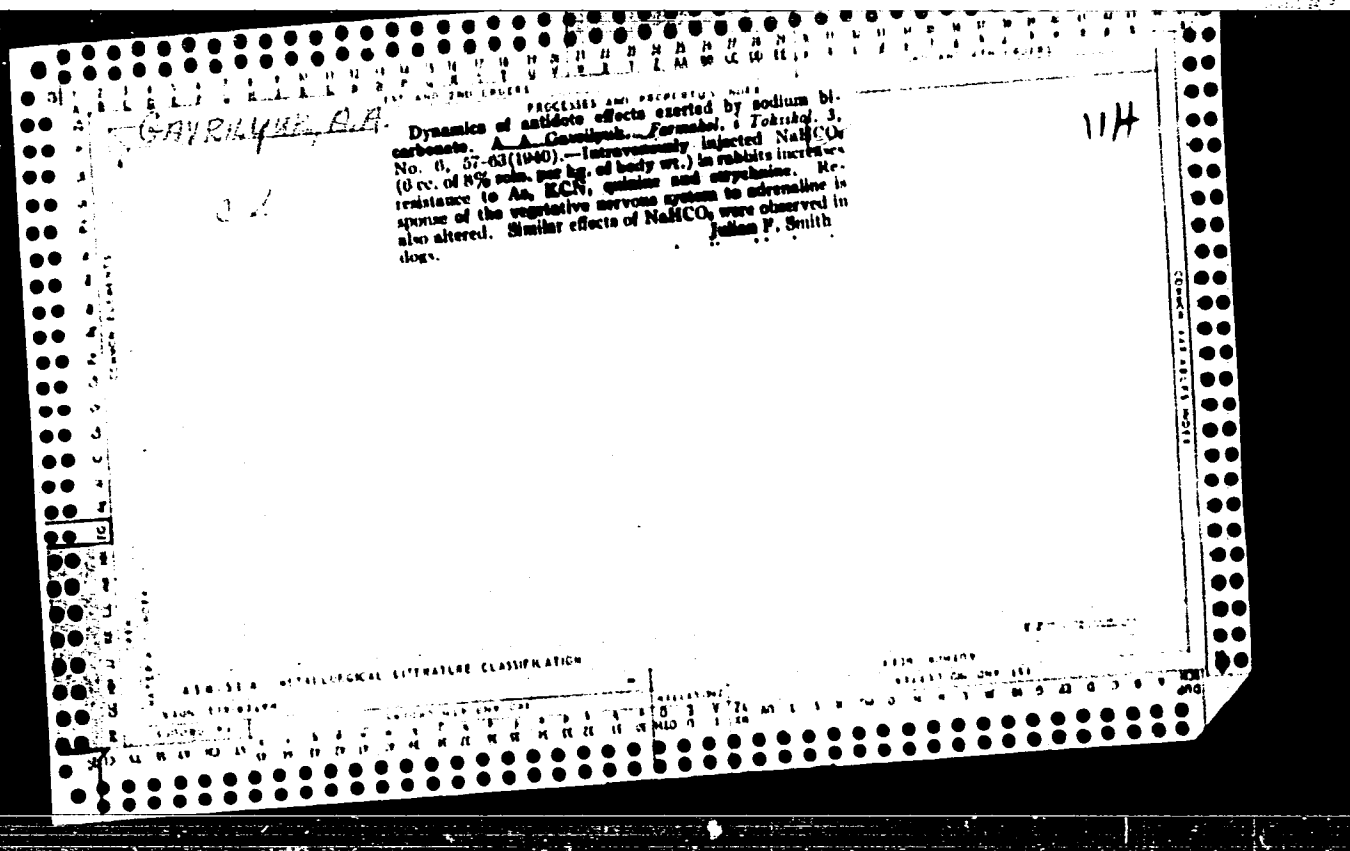
1ST AND 2ND COLUMNS										3RD AND 4TH COLUMNS									
SUBJECTS										PROCESSES AND PROPERTIES INDEX									
<p>CA</p> <p>117</p> <p>The concentrations of alcohol in some tinctures and the time required for their extraction. A. A. Gavriljuk. <i>Formatsiya i Farmakol.</i> 1937, No. 5-6, 27-9. <i>Chem. Zentr.</i> 1938, 1, 3946. — Tinctures of <i>digitalis</i>, <i>adonis</i> and <i>strophandrus</i> can be prepd. in 7 days with 40° alc. or in 3 days with 60° alc. The amt. of digitoxin extd. is proportional to the alc. concn. Tinctures are, therefore, best prepd. using 70° alc. with a 7-day extra period.</p> <p>M. G. Moore</p>																			
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CA

111

Pharmacological study of the new medicinal plant
Salsola paletzkiana. A. A. Gayrilyuk. *Farmakol. i
 Toksikol.* 3, No. 4, 60-3 (1940). Preparation of *Salsola
 paletzkiana* have a pronounced vasoconstrictor, hyper-
 tensive and cardiac-stimulant action. The action includes
 inhibition of the central nervous system, especially the
 respiratory center. Increased tonus of the vagus nerve
 causes a slower pulse during the rise in blood pressure.
 Julian F. Smith

430.354 METABOLIC LITERATURE CLASSIFICATION



GAVRILYUK, Anastasiya Akimovna

Lvov State Medical Inst. Academic degree of Doctor of Medical Sciences, based on her defense, 13 December 1954, in the Council of the 2nd Moscow State Medical Inst imeni Stalin, of her dissertation entitled: "The Effect of Diphenine, Luminal and Magnesium Sulphate upon the Corking Processes of a Stimulant and an Inhibitor."

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no. 10, 30 Apr 55, Byulleten' MVO SSSR, No. 15, Aug 56, Moscow, pp 5-24, Uncl. JPRS/NY-537

GAYRILYUK, A. A.

Med

The action of magnesium sulfate on brain processes of excitation and inhibition. A. A. Gayrilyuk (State Med. Inst., Lvov). *Zhur. Vyshego Nervnogo Deyaniya*, in: I. P. Pavlova 6, 760-68 (1956).—Parenteral administration of $MgSO_4$ to dogs induces lowering of conditioned reflex with development of hypnotic phases clear to inhibitory phase. Elec. activity of the brain cortex decreases under $MgSO_4$ influence, which is reflected in the drop of the amplitude of elec. waves. Alterations of brain cortex processes of inhibition and excitation, as detd. by the methodology of conditioned reflexes, coincide with the alterations observed by electroencephalographic procedure. I. A. Stekol

GAVRILYUK, A.A.; ZAPADNYUK, V.I.

Effect of vegetotropic preparations on the course of convulsive processes. Farm. i toks.. 22 no.4:317-319 Jl-Ag '59. (MIRA 13:1)

1. Kafedra farmakologii (zav. - A.A. Gavrilyuk) L'vovskogo gosudarstvennogo meditsinskogo instituta.
(CONVULSIONS exper.)
(AUTONOMIC DRUGS pharmacol.)

GAVRILYUK, A.A.

Pharmacology of diaphen. Farm. i toks. 24 no.4:428-431 J1-Ag '61.
(MIRA 14:9)

1. Kafedra farmakologii (zav. - prof. A.A.Gavrilyuk) L'vovskogo
gosudarstvennogo meditsinskogo instituta.
(ACETIC ACID)

GAVRILYUK, A.D.; YANKOVSKIY, V.I.; PRIGOROVSKIY, V.F., redaktor; BOBROVA, Ye.,
~~tekhnicheskiy~~ redaktor

[The practices of train dispatchers in the Soloychegodsk division of
the Pechora Railroad] Opyt roboty poezdnykh dispetcherov Sol'vyche-
godskogo otdeleniya Pechorskoj dorogi. Moskva, Gos. transp.shel-dor.
izd-vo, 1956. 32 p. (MLRA 10:1)
(Railroads--Train dispatching)

L 17620-66 EWT(m)/EWP(j)/T DJ/RM
ACC NR: AP6007673 (A)

SOURCE CODE: UR/0413/66/000/003/0044/0044

INVENTOR: Berents, L. I.; Gavrilyuk, A. D.; Derbaremdiker, A. D.; Vinner, G. G.;
Abramovich, S. Sh.; Novosartov, G. T.; Novichkov, A. M.

ORG: none

TITLE: Preparative method for hydraulic fluids. Class 23, No. 178439

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 3, 1966, 44

TOPIC TAGS: hydraulic fluid, petroleum base hydraulic fluid, antiwear additive, antioxidant additive

ABSTRACT: An Author Certificate has been issued for a preparative method for petroleum base hydraulic fluid containing antiwear and antioxidant additives. The residual fraction of transformer oil, with a viscosity of 10.3—10.5 cs at 50C, is used as the petroleum base. Ethylpolysiloxane liquid (mol. wt., 1500—1700) or a composition of Sovol, diphenylamine and Ionol are used as the additives. [B0]

SUB CODE: 11/ SUBM DATE: 21Nov64/ ATD PRESS: 401

Card 1/1 *mjs*

UDC: 621.892.86:621.225

GAVRILYUK, A. I.

The Second All-Union Conference on the Preparation and Analysis of High-Purity Elements, held on 24-28 December 1963 at Gorky State University im. N. I. Lobachevskiy, was sponsored by the Institute of Chemistry of the Gorky State University, the Physicochemical and Technological Department for Inorganic Materials of the Academy of Sciences USSR, and the Gorky Section of the All-Union Chemical Society im. D. I. Mendeleyev. The opening address was made by Academician N. M. Zhavoronkov. Some 90 papers were presented, among them the following:

V. T. Chuyko, A. I. Gavrilyuk, and I. V. Negrebets'ka: Coprecipitation of traces (Ni, Cd) with iron hydroxide.

Z. G. Fratkina and V. S. Shebunin. Spectrochemical analysis of metal impurities concentrated as volatile fluorides.

(Zhur ANAL Khim, 19 No. 6, 1964 p. 777-79)

Gavrilyuk, A. M.

USSR/ Engineering - Assembly conveyers

Card 1/1 Pub. 103 - 1/22

Authors : Gavrilyuk, A. M., and Koval'skiy, N. N.

Title : ~~Technology for painting machine-tools in a continuous mass production~~

Periodical : Stan. i instr. 6, 1-4, June 1955

Abstract : The engineering and technical personnel of the milling machine factory in Gorki, designed a pulsating-type conveyer for the assembly and painting of machine components during continuous mass production. A description of the operation and construction of the above mentioned conveyer is given, and the chemical composition of dyes and coatings, is specified. Drawings; illustrations.

Institution :

Submitted :

GAVRILYUK, A.M.

GAVRILYUK, A.M., inzhener.

Painting machine tools with heated nitro-enamels. Mashinostroitel'
no.5:36-37 My '57. (MIRA 10:6)
(Machine tools--Painting)

GAVRILYUK, A.M.

GAVRILYUK, A.M.

Mechanizing the production, testing, and distribution of varnish
paint materials. Stan.i instr. 28 no.11:39-41 N '57. (MIRA 10:12)
(Paint) (Varnish and varnishing)

GAVRILYUK, A.M.
GAVRILYUK, A.M., insh.

Making workpieces of plastics. Mashinostroitel' no.12:38-39 D '57.
(MIRA 10:12)

(Plastics)

AUTHOR: Gavriilyuk, A.M., Engineer SOV/117-58-12-25/36

TITLE: Protective Coatings and Materials for Machine Tools Exported to Countries With a Tropical Climate (Zashchitnyye pokrytiya i materialy dlya stankov, eksportiruyemykh v strany s tropicheskim klimatom)

PERIODICAL: Mashinostroitel', 1958, Nr 12, pp 32 - 34 (USSR)

ABSTRACT: General information is given on protective coatings and materials resistant to tropical conditions. The application of a coat of varnish on machine parts is described, as well as different methods of electroplating such as: combined chrome plating; chrome plating with a zinc underlayer; zinc plating with passivation; cadmium plating from acid electrolytes; nickel plating; anodizing of aluminum parts; and zinc plating with subsequent varnish coating. Plastic materials with a higher resistance to tropical conditions, due to a special treatment by inhibition with insulating varnish and addition of fungicides, are listed, including plastics from press-powder, glass textolite, organic glass or polystyrene,

Card 1/2

SOV/117-58-12-25/36

Protective Coatings and Materials for Machine Tools Exported to Countries
With a Tropical Climate

vinyl chloride, oil resistant resins and glass insulating
materials. Recommendations for the preservation and packing
of the export goods are also given.

ASSOCIATION: Gorkovskiy zavod frezernykh stankov (The Gorkiy Milling
Machine Plant)

Card 2/2

25(

SOV/117-59-7-22/28

AUTHORS: Gavrilyuk, A.M., and Gorin, A.M.

TITLE: Electrostatic Painting of Machine Parts

PERIODICAL: Mashinostroitel', 1959, Nr 7, pp 37-39 (USSR)

ABSTRACT: The article presents detailed engineering information on a special painting line for large-size machine parts, designed and used at the Gor'kovskiy zavod frezernykh stankov (Gor'kiy Milling Machine Plant). It is the first of its kind in the USSR. It consists of a painting and a drying chamber connected by an overhead suspension conveyer. In the painting chamber, the parts are moved between electrode gratings. The parts are under positive electric charge, and the paint sprayed by the six pneumatic sprayers at the output end of the chamber coats the parts with an even thin layer. To distribute the paint on the entire part, the parts are rotated at 6 rpm when they pass by the sprayers. The paint is fed from three pressure tanks with different colors of paint, and

Card 1/3

SOV/117-59-7-22/28

Electrostatic Painting of Machine Parts

the sprayers work in pairs, one pair for each color. The resetting of the spraying system for different shapes, or for different color, requires a few minutes; the height and the incline angle of the spray nozzles is easily adjustable on the posts with an incline scale (Figure 2). The drying chamber contains 160 special drying lamps for heating the parts to 110 to 120°C, placed on 16 movable shields permitting displacements within a 45° angle. The work of the ventilation system, the kenotron (rectifier), the sprayers, and the presence and the voltage of an electric field in the chamber is monitored by signal lamps on the control board. There is a special control, on the same board, for preventing the occurrence of sparks in the painting chamber. The equipment is grounded, and the installation need not to be stopped for charging parts on the conveyer or any resettings. The access doors to the chambers automatically block high voltage when opened. The

Card 2/3

SOV/117-59-7-22/28

Electrostatic Painting of Machine Parts

remaining electric charge is also automatically removed from the electrode gratings. The method is recommended for mass as well as small-lot and piece production of machines. It is mentioned that the Gor'kovskiy avtozavod (Gor'kiy Automobile Plant) was the first in the USSR to employ the method of painting in an electrostatic field. The article includes the technical characteristics of the installation and two illustrations. There are 2 diagrams.

Card 3/3

GAVRILYUK, A.M., inzh.

Plastic oil gauges for machine tools. Mashinostroitel' no.4:33
Ap '60. (MIRA 13:6)
(Liquid level indicators)

GAVRILYUK, A.M.

Simple calculation of norms for the consumption of varnish-paint
materials. Mashinostroitel' no.8:40 Ag '60. (MIRA 13:9)
(Varnish and varnishing)

GAVRILYUK, Anatoliy Mafod'yevich; SHOBİK, L.Ye., inzh., ved. red.;
SHREYDER, A.V., kand. tekhn.nauk, red.; PONOMAREV, V.A.,
tekhn. red.

[Anticorrosion coatings and materials for tropical climate
conditions] Antikorrizionnye pokrytiia i materialy dlia us-
lovii tropicheskogo klimata. Moskva, Filial Vses. in-ta
nauchn. i tekhn. informatsii, 1958. 7 p. (Peredovoi na-
uchno-tekhnicheskii i proizvodstvennyi opyt. Tema 13.
No.M-58-178/20) (MIRA 16:3)

(Corrosion-resistant materials--Climatic factors)

(Protective coating--Climatic factors)

GAVRILYUK, A.M.

Primary organization of the scientific and technological society at
a plant and technological progress. Mashinostroitel' no.10:41 0
'65. (MIRA 18:10)

GAVRILYUK, A.N.

Servicing signaling and communication devices at a metallurgical plant. Avtom.telem.i sviaz' 4 no.8:35-36 Ag '60.

(MIRA 13:8)

1. Master sluzhby svyazi shelesnodorozhnogo tsekha metallurgicheskogo zavoda im. Dzerzhinskogo.

(Railroads--Signaling)

(Railroads--Electric equipment)

(Dneprodshersinsk--Metallurgical plants)

YELIOKUMSON, B.I.; MITROFANOVA, M.A.; GAVRILYUK, A.N.; BALTAISA, M.G.;
LITVINENKO, B.N.; K.D.

New and useful book for industrial transport workers
("Organisation of railroad transportation in metallurgical
plants" by A.K.Averbukh. Reviewed by B.I.Yeliokumson and
others). Metallurg 5 no.6:33 Je '60. (MIRA 13:8)

1. Zavod im. Dzerzhinskogo.
(Railroads, Industrial)
(Averbukh, A.K.)

ANISIMOVA, M.N., zasluzhenny vrach BSSR; GAVRILYUK, A.Ye.

Refrigeration anesthesia in amputations of the extremities for gangrene in elderly persons. Zdrav. Belor. 5 no.9:27-28 S '59. (MIRA 12:12)

1. Iz khirurgicheskogo otdeleniya (nachal'nik - dotsent V.I. Parmenov)
Otdelencheskoy bol'nitsy st. Gomel' Belorusskoy zheleznoy dorogi.
(REFRIGERATION ANESTHESIA) (AMPUTATION) (GANGRENE)

Борис Каврилюк
GAVRILYUK, B. K.

GAVRILYUK, B. K. -- "The Effect of Culture Age on the Antigenic, Immunogenic, and Toxic Properties of Dysentery Bacteria." Min Health RSFSR. Saratov State Medical Inst^t Saratov, 1955. (Dissertation for the Degree of Candidate of Medical Sciences.)

SO: Knizhnaya letopis', No. 4, Moscow, 1956

+ Jbr. of Microbiology

GAVRILYUK, B.K.

Effect of ginseng roots on some pathogenic microbe species. Mat.
k izuch. zhen'shenia i lim. no.4:209-212 '60. (MIRA 13:9)

1. Vladivostokskiy nauchno-issledovatel'skiy Institut epidemiologii,
mikrobiologii i gigiyeny.
(GINSENG) (BACTERIA, PATHOGENIC)

SHARAPOVA, T.A.; GAVRILYUK, B.K.

Some data on the etiology and epidemiology of colienteritis in
Vladivostok. Zhur.mikrobiol., epid. i immun. 32 no.10:132 0 '61.
(MIRA 14:10)

1. Iz Vladivostokskogo instituta epidemiologii, mikrobiologii i
gigiyeny.

(VLADIVOSTOK--INTESTINES--DISEASES)

GAVRILYUK, B.K.; NATSKIY, K.V.

Typification of the feci of hemorrhagic infectious nephrosonephritis
in the Maritime Territory. Trudy VladIFMG no.2:87-91 '62.
(MIRA 18:3)

1. Iz Vladivostokskogo nauchno-issledovatel'skogo instituta
epidemiologii, mikrobiologii i gigiyeny i Primorskoy krayevoy
sanitarno-epidemiologicheskoy stantsii.

SHARAPOVA, T.A.; GAVRILYUK, B.K.; NIKONOVA, V.G.; KALUGINA, G.A.

Some data on colienteritis morbidity in Vladivostok. Trudy
VladIEMG no.2:172-176 '62. (MIRA 18:3)

1. Iz Vladivostokskogo nauchno-issledovatel'skogo instituta
epidemiologii, mikrobiologii i gigiyeny i Vladivostokskoy
detskoy bol'nitsy No.2.

SH RAPOVA, T.A.; GAVRILYUK, B.K.

Characteristics of Escherichia coli cultures isolated in
Vladivostok. Trudy VladIFMG no.2:178-181 '62. (MIRA 18:3)

1. Iz Vladivostokskogo nauchno-issledovatel'skogo instituta
epidemiologii, mikrobiologii i gigieny.

GAVRILYUK, B.K.

Determination of the pathogenicity degree of bacteria on tissue cultures. Trudy VladIFMG no.2:231-232 '62.

Materials on the study of cytopathogenic agents isolated in foci of hemorrhagic infectious nephrosonephritis. Ibid.:242-244 (MERA 18:3).

1. Iz Vladivostokskogo nauchno-issledovatel'skogo instituta epidemiologii, mikrobiologii i gigiyeny.

SOMOV, G.P.; GAVRILYUK, B.K.

Cultivation of Rickettsia (Dermacentroxenus sibiricus) in the
renal cells of the guinea pig embryo. Trudy VladlENG no.2:
238-239 '62. (MIRA 18:3)

GAVRILYUK, B.K.; NATSKIY, K.V.

Some results of virological studies of the foci of hemorrhagic infectious nephrosonephritis in the Maritime Territory. Trudy VladIEMG no.2:240-242 '62. (MIRA 18:3)

1. Iz Vladivostokskogo nauchno-issledovatel'skogo instituta epidemiologii, mikrobiologii i gigiyeny.

SOMOV, G.P.; GAVRILYUK, B.K.

Cultivation of Rickettsia in trypsinized kidney cells of
human and guinea pig embryos. Zhur. mikrobiol. epid. i
immun. 33 no.10:76-80 0'62 (MIRA 17:4)

1. Iz Vladivostokskogo instituta epidemiologii, mikrobiologii
i gigiyeny.

SHARAPOVA, T.A.; GAVRILYUK, B.K.

Differentiation of enteropathogenic and nonpathogenic *Escherichia coli* in tissue cultures. Zhur. mikrobiol., epid. i immun. 40 no. 8: 94-96 Ag '63. (MIRA 17:9).

1. Iz Vladivostokskogo instituta epidemiologii, mikrobiologii i gigiyeny.

GAVRILYUK, D.A.

Use of mechanisms for the relief of stresses. Put' put.khoz. 8
no.2:3-4 '64. (MIRA 17:3)

1. Zamestitel' nachal'nika Kizlyarskiy distantsei Severo-Kavkazskoy
dorogi.

Vertical zonation of soils in the Caucasus. P. Ya. Gavril'yuk. *Pedology* (U.S.S.R.) 1947, 188 (6). Some chem. data are presented on several soils in the vertical zonation and these show that the southern slope differs markedly from the northern. J. S. Joffe

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ASACSLA METALLURGICAL LITERATURE CLASSIFICATION

SECTION	SUBSECTION	CLASSIFICATION	REMARKS
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GAVRILYUK, F. Ya.

GAVRILYUK, F. Ya. "The contents and origin of the loess-like deposits of Stavropol'",
Sbornik trudov In-ta (Stavrop. gor. ped. in-t), Issue 2, 1948, p. 94-103, - Bibliog:
16 items.

SO: U 3042, March 11, 53, (Letopis 'Zhurnal 'nykh Statey, No.7, 1949).

GAVRILYUK, F.

PA 69T103

USSR/Soil Science - History

Apr 1948

"History and Modern Status of Soil Science. Conference of Scientific Workers of the Don and Northern Caucasus," F. Gavriluk, Ye. Takalova, 1 p

"Pechvoved" No 4

Conference convened 24-28 Dec 1947 at Rostov on the Don. Brief account of proceedings and papers submitted for evaluation. Exposition held in connection with conference showed "Productive Capacity of Don Region and Northern Caucasus."

69T103

1. GAVRILYUK, F. Ya.
2. USSR (600)
4. Soils-Maps
7. Soil mapping. I. F. Sadovnikov. Reviewed by F. Ya. Gavriluk. Pochvovedenie. No. 10, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

GAVRILYUK, F. Ya.

Caucasus, Northern - Chernozem Soils

Classification of chernozem soils of the Northern Caucasus. Pochvovedenie
No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

DURASOV, A.M.; GAVRILYUK, F.Ya., dotsent.

On the article of A.M.Durasov. Vest.AN Kazakh. SSR 10 no.6:107-109 Je
'53. (MLBA 6:8)

1. Rostovskiy universitet (for Gavriluk).
(Soils) (Durasov, A.M.)

GAVRILYUK, F. Ya.

AG ✓ Humus formation in the black soil of Western Caucasian regions. F. Ya. Gavrilyuk. *Uchenye Zapiski Rostov-na-Donu Univ., Trudy Biol.-Pochv. Fakul'teta*. 19, No. 3, 227-31(1953); *Referat. Zhur., Biol.* 1953, No. 3275.—Humus in these soils varies from 50-70 kg./cu. m. which is above the av. of soils in general. B. S. Levine